

Let's talk 'Science'. The song by System. Conservativism is used to protect traditional values and institutions. What is more traditional than spiritualism. Science tends to on obliterate the static, and mysticism is stagnation. I am saying that that particular song happens to perfectly ally with conservative values. And it's not the only time Serj has.

Take any crazy idea. It is hard to make up a very crazy idea – witches, for instance. And you talk about what people used to believe about witches, and you say, "How could they believe in witches?" And you turn around and you say, "What witches do we believe in now?"

What ceremonies do we believe in? Every morning we brush our teeth. What is the evidence that brushing our teeth does any good against cavities? And you start wondering. Are we all imagining that, as the earth turns and the orbit has an edge between light and dark, that along that edge all the people are doing the same ritual – brush, brush, brush – for no good reason? Have you tried to picture this perpetual line of toothbrushes going around the earth?

Take the world from another point of view. Now it may well be that brushing the teeth is a very good thing because it gets rid of cavities, but you can try to find out whether it does or doesn't. You ask your dentist. He says, "Of course." And you say, "What about evidence?" I have not found the evidence from dentists, because they just learned it in school. Now I am not trying to argue whether it is good or bad to brush teeth. What I am trying to argue for is to think about it. Think about it from a new point of view.

What I am saying is that they are not perfect, and we should always be questioning the figures we give authority. System did in fact publish a song in 'science' that marginalized a section of their fanbase and could have made them feel as ashamed as republican parents do gay kids. But honestly after discover the genocide I know that they are as flawed as anyone else when reporting.

## THE BRANCHING TREE OF HISTORY

Communication between the different branches of Everett's Multiverse, sometimes known as 'parallel worlds', would be impossible, according to the same equations that describe the existence of such multiple realities. Except for one intriguing possibility, which is strictly outside the scope of this book, but too enticing to resist mentioning briefly.

That possibility is time travel. The idea of parallel worlds is one of many which appeared in science fiction long before it became respectable science; another is the idea of time travel. In many parallel-universe stories, either the protagonists are somehow shifted 'sideways in time' into another universe, or the entire story is set in a parallel reality, an alternative history that has branched off from our own timeline at some critical point in the past – for example, where the Axis powers won the Second World War.

The resulting image we have is of history as a tree with many branches, representing different universes that exist because they branch off at different times according to different such outcomes; the analogy is actually far from perfect, since if Everett is right there is no 'main trunk' for the tree, and the branching is more complex, but it will do. Many time-travel stories involve travellers who go back in time and, either deliberately or accidentally, change history so that they return to a 'present' very different from the one they set out from.

Combining these two ideas, a traveller might go back in time down one branch of history (in one universe), then forward in time up another branch (another universe). It isn't that he or she has changed history; both versions always existed. In the classic 'granny paradox', for example, a traveller goes back in time and accidentally causes the

## IN SEARCH OF THE MULTIVERSE

death of her own grandmother, before the traveller's mother has been born. In that case, if there is only one timeline, the traveller is never born, so she never goes back in time, so granny survives – and so on. In the many worlds version of the story, the traveller goes back and granny is killed, but this is the branching point for another universe. The traveller might go forward in time up the alternative branch to find a present where she had never existed, or she might go back up her original branch to find, to her surprise, that granny wasn't dead after all. Either way, there is no paradox.

It all makes for entertaining fiction. The surprise for us is that there is nothing in the known laws of physics to prevent time travel, although it would be extremely difficult to build a time machine.\* The equations of the general theory of relativity (the best theory of space and time we have, which has passed every test yet devised) allow for the possibility of time travel; but they don't allow the possibility of travelling back in time before the moment that the time machine is built. This is why we are not overrun with visitors from the future. The time machine hasn't been built – yet.

But getting back to the Multiverse, the granny paradox reminds us of the parable of Schrödinger's cat. This is just the kind of puzzle that Everett's Many Worlds Interpretation resolves.

Because of the way the original cat puzzle is set up, there are only two possible outcomes – two ‘ *eigenvalues*’ in the language of quantum physics. The cat is either dead or alive. According to Everett,

■ **About Time** is a 2013 romantic science fiction comedy-drama film written and directed by Richard Curtis, and starring Domhnall Gleeson, Rachel McAdams, and Bill Nighy.

The film is about a young man with the ability to time travel who tries to change his past in hopes of improving his future.

In science, a possible outcome of a scientific test based on logically reasoning about a particular scientific idea (i.e., what we would logically expect to observe if a particular idea were true or false).

Coyne argues that religion and science are incompatible, by surveying the history of science and stating that both religion and science make claims about the universe, yet only science is open to the fact that it may be wrong.<sup>[1]</sup>

Coyne was astonished that after having published his book *Why Evolution Is True* that the proportion of [creationists in United States](#) still remained between 40 and 46 percent. He felt that [faith](#) was the reason that kept them from accepting the facts and [evidence for evolution](#).

Yes, the vast majority of actively publishing climate scientists – 97 percent – agree that humans are causing global warming and climate change.

The current scientific consensus is that: Earth's climate has warmed significantly since the late 1800s. Human activities (primarily greenhouse gas emissions) are the primary cause. Continuing emissions will increase the likelihood and severity of global effects.

Sen. [Ted Cruz](#)'s teenage daughter is speaking out after she was hospitalized this week for reported self-inflicted stab wounds.

Caroline Cruz, 14, took to TikTok Wednesday to address speculation regarding the self-inflicted stab wounds she reportedly sustained the day prior, which necessitated her being taken to the hospital.

“I wanted to address this on my own because the media is ... causing my mental health to be exploited for their

gain," said Cruz. "I also don't enjoy the assumptions on why I did what I did."

The teen, who confirmed in the caption she was reading from a script, went on to dispel some conjecture.

"No, it had nothing to do with my sexuality or my father. I'm not suicidal but I am experiencing some mental issues," she said, noting she's "working through it and getting the help I need. Thank you so much for all the support and love, it means a lot to me. But the most traumatizing part of this experience is how public it's been."

Republican Sen. Ted Cruz is back in the news this week after his 13-year-old daughter, Caroline Cruz, posted a viral TikTok video exposing some of the family's secrets.

Americans blasted Sen. Cruz last February after he took an impromptu family vacation to Cancún during the historic Texas winter storm. The senator apologized for the insensitivity and gross show of wealth by, in part, blaming his daughters for the vacation, stating, "With school canceled for the week, our girls asked to take a trip with friends. Wanting to be a good dad, I flew down with them last night and am flying back this afternoon."

Now, one of his daughters is biting back, and shared with the public that she does not necessarily agree with her father's sentiments. "A lot of people judge me based upon him at first glance," Caroline said, "but I really disagree with most of his views." She went on to explain that she often feels stifled by the conservative patriarch, who has gone so far as to request his media team edit the top she wore for the family Christmas card to make it look more conservative.

"I literally have to have security following me everywhere, like if I want to go on a walk through the neighborhood or to a friend's house, I have to have like two security guards behind me at all times," she also said of her high-profile life.

However, one of the most notable parts of her brush with TikTok fame was her inclusion of pronouns, as well as the word "bi," in her profile bio. Sen. Cruz has been adamantly opposed to Transgender rights, going so far as to call inclusive bathrooms "PC nonsense that's destroying America." His daughter's use of pronouns

shows a solidarity with the Trans community and indicates that there's hope for even the children of some of the most influential conservatives.

Making two possibilities a reality  
Predicting the future of things we all know  
Fighting off the diseased programming  
Of centuries, centuries, centuries

Science fails to recognize the single most  
Potent element of human existence  
Letting the reigns go to the unfolding  
Is faith, faith, faith, faith

Science has failed our world  
Science has failed our Mother Earth  
Science fails to recognize the single most  
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Letting the reigns go to the unfolding  
Is faith, faith, faith, faith  
Science has failed our world  
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Spirit moves through all things  
Spirit moves through all things

Letting the reigns go to the unfolding  
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